

FIG. 1

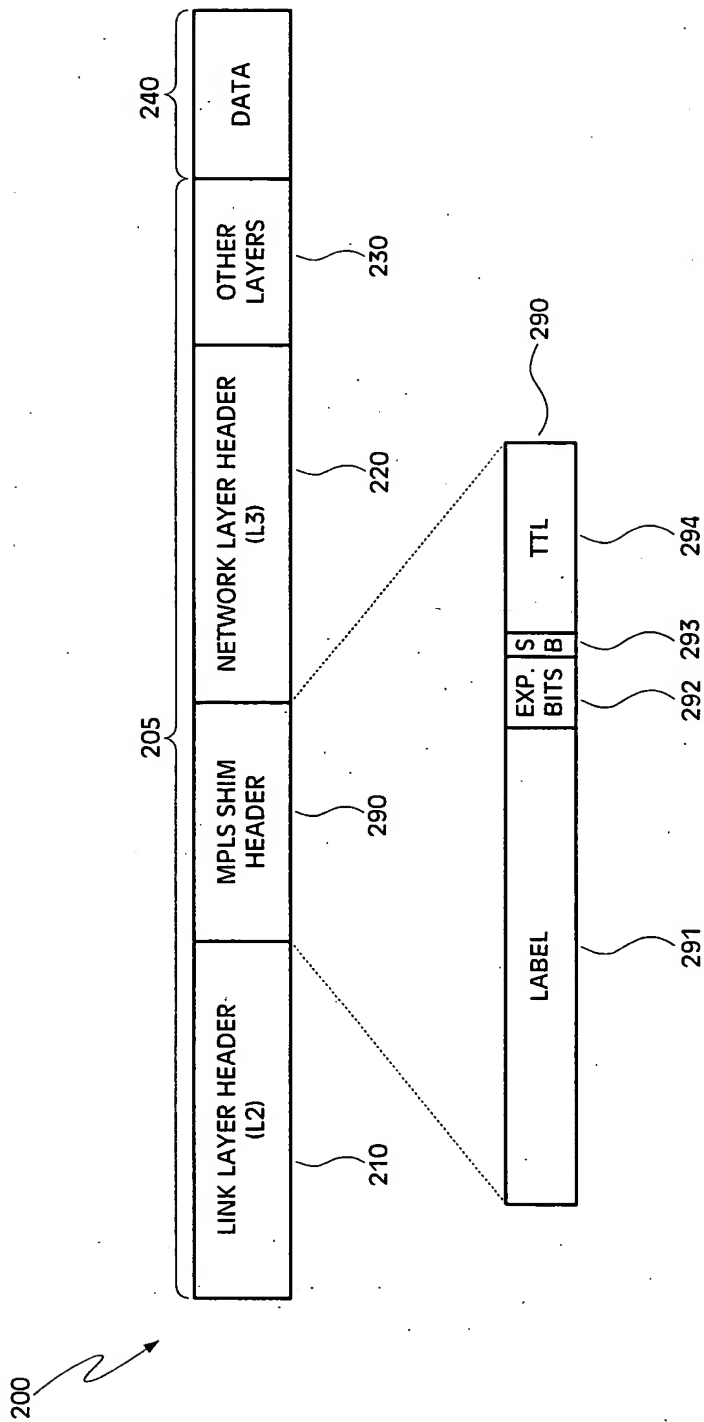


FIG. 2 (PRIOR ART)

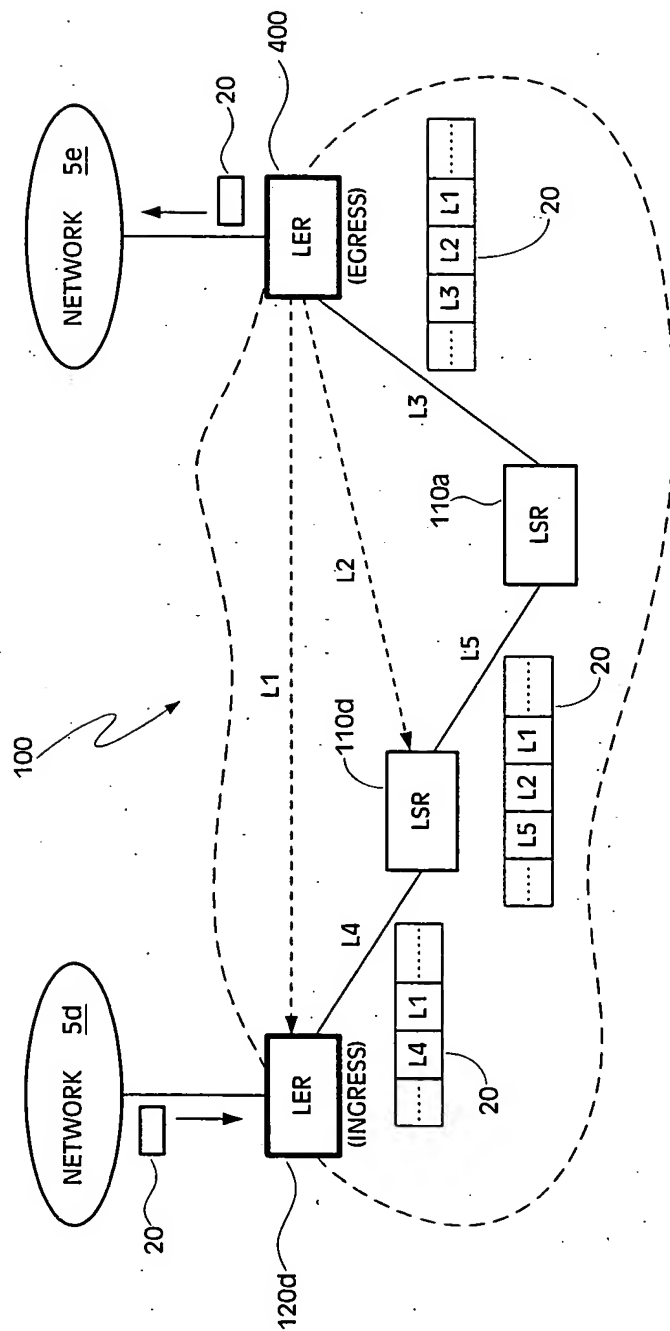


FIG. 3A

301a

FTN TABLE

ADDRESS	NHLFE INDEX
ADD 1	0
ADD 2	1
⋮	⋮

301b

NHLFE TABLE

OUT LABEL	OUT PORT	ACTION
L0	0	PUSH
L4/L1	1	PUSH
⋮	⋮	⋮

FIG. 3B

302a

ILM TABLE

IN LABEL	ACTION	NHLFE INDEX
L0	POP	---
L4	SWAP	1
⋮	⋮	⋮

302b

NHLFE TABLE

OUT LABEL	OUT PORT	ACTION
---	0	---
L5/L2	1	PUSH
⋮	⋮	⋮

FIG. 3C

303a

ILM TABLE

IN LABEL	ACTION	NHLFE INDEX
---	---	---
L5	SWAP	1
⋮	⋮	⋮

303b

NHLFE TABLE

OUT LABEL	OUT PORT	ACTION
---	0	---
L3	1	PUSH
⋮	⋮	⋮

FIG. 3D

304a

ILM TABLE

IN LABEL	ACTION	NHLFE INDEX
---	---	---
L3	POP	---
L2	POP	---
L1	POP	---
⋮	⋮	⋮

304b

NHLFE TABLE

OUT LABEL	OUT PORT	ACTION
---	0	---
---	1	---
⋮	⋮	⋮

FIG. 3E

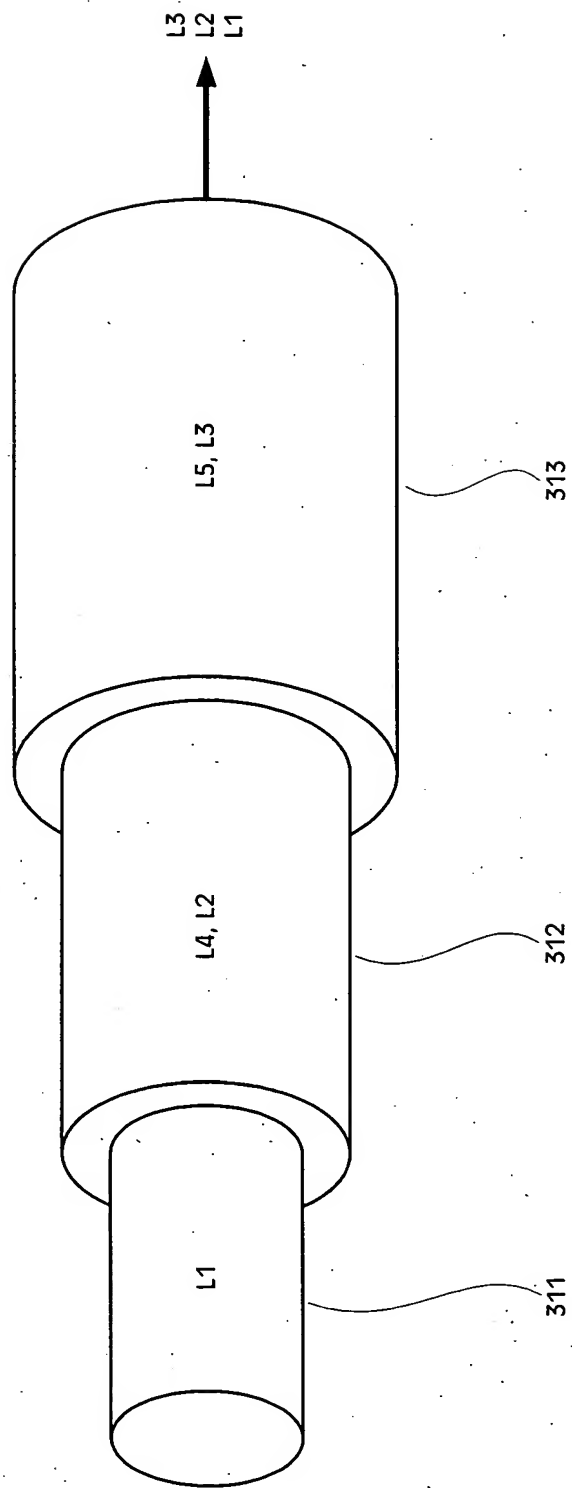


FIG. 3F

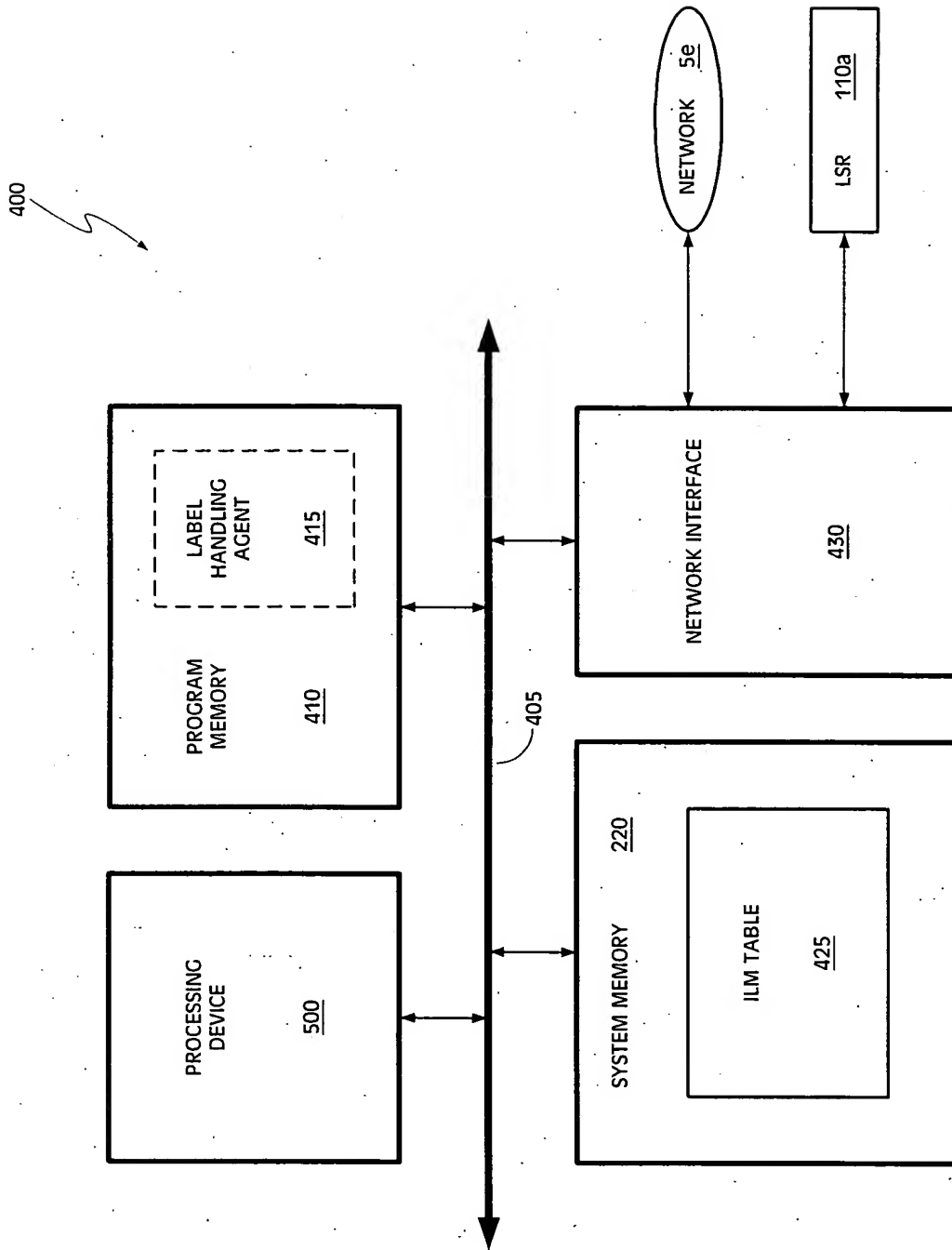


FIG. 4

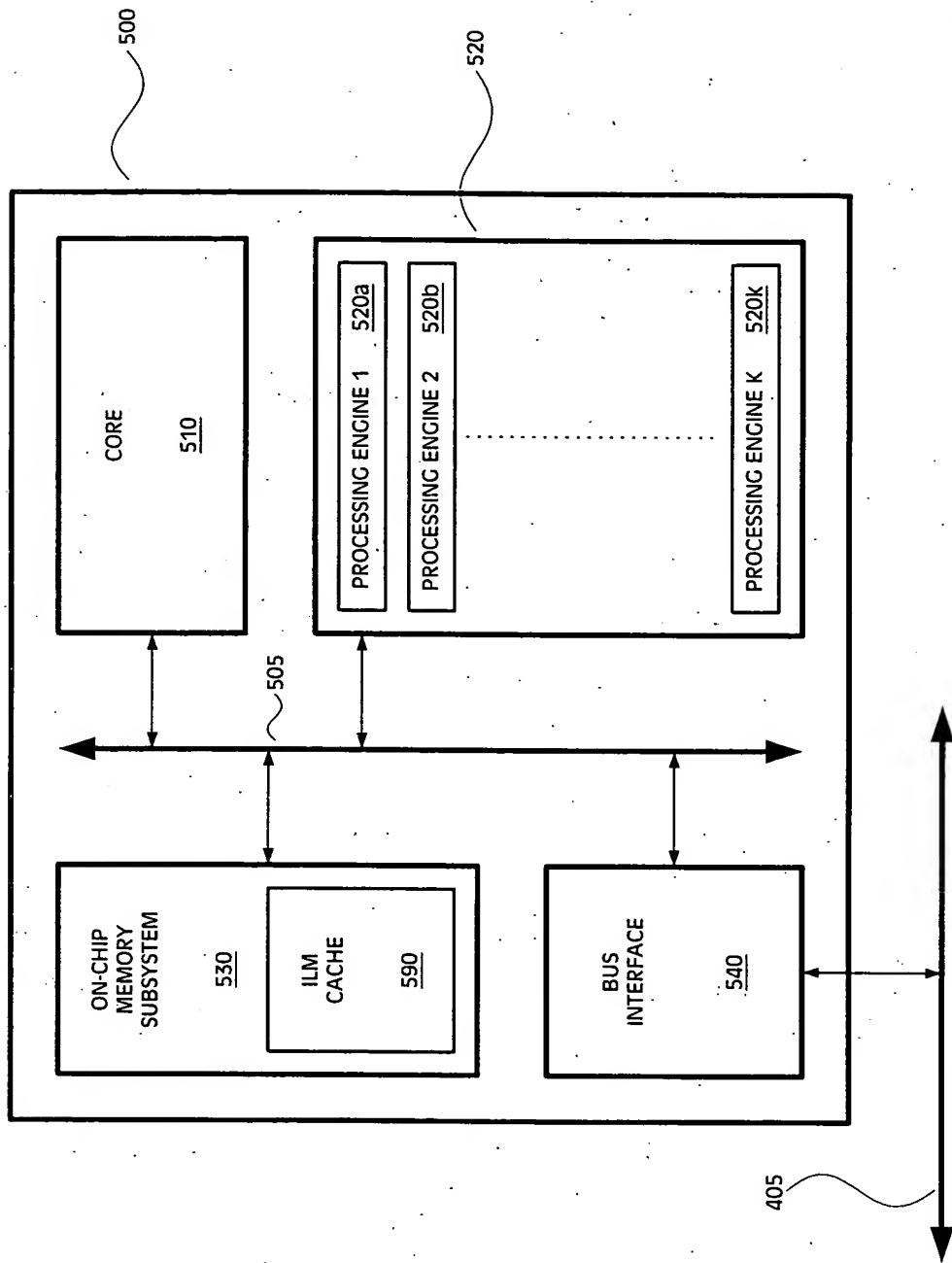


FIG. 5A

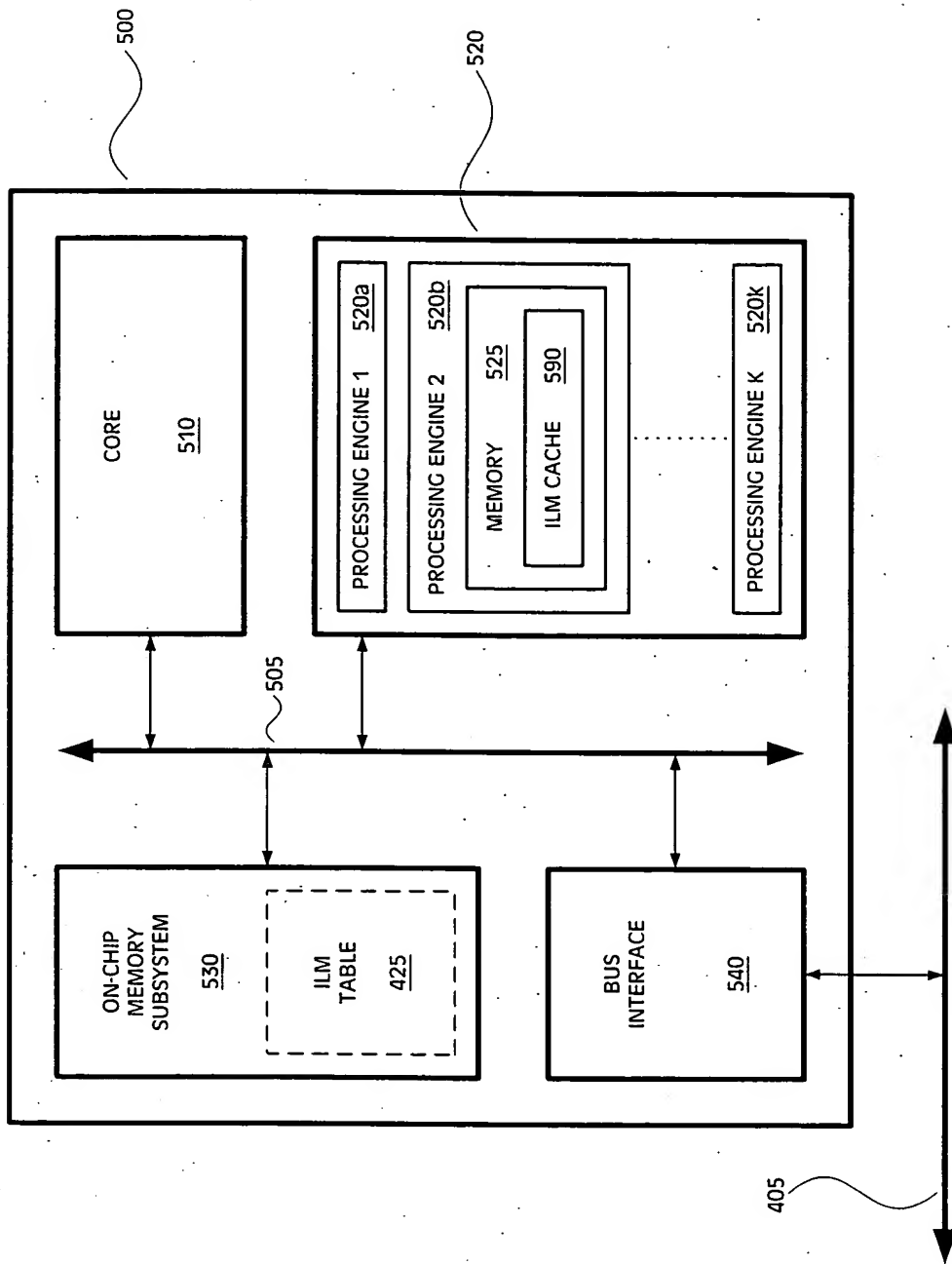


FIG. 5B

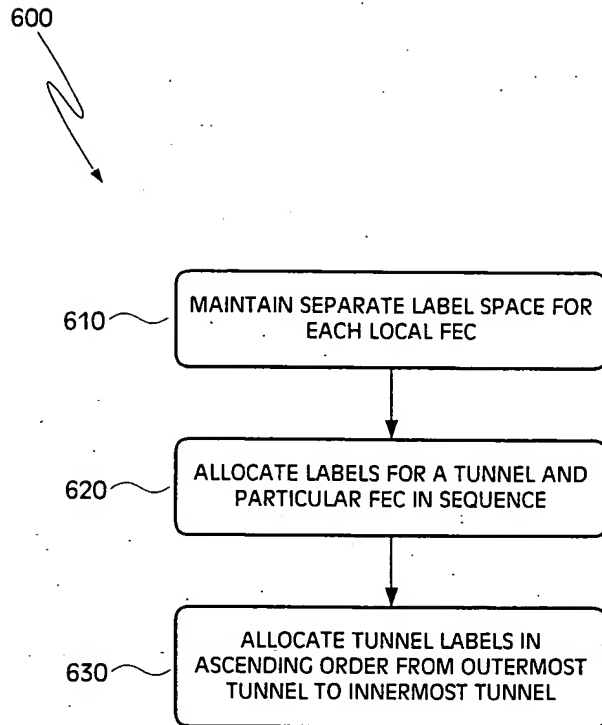


FIG. 6

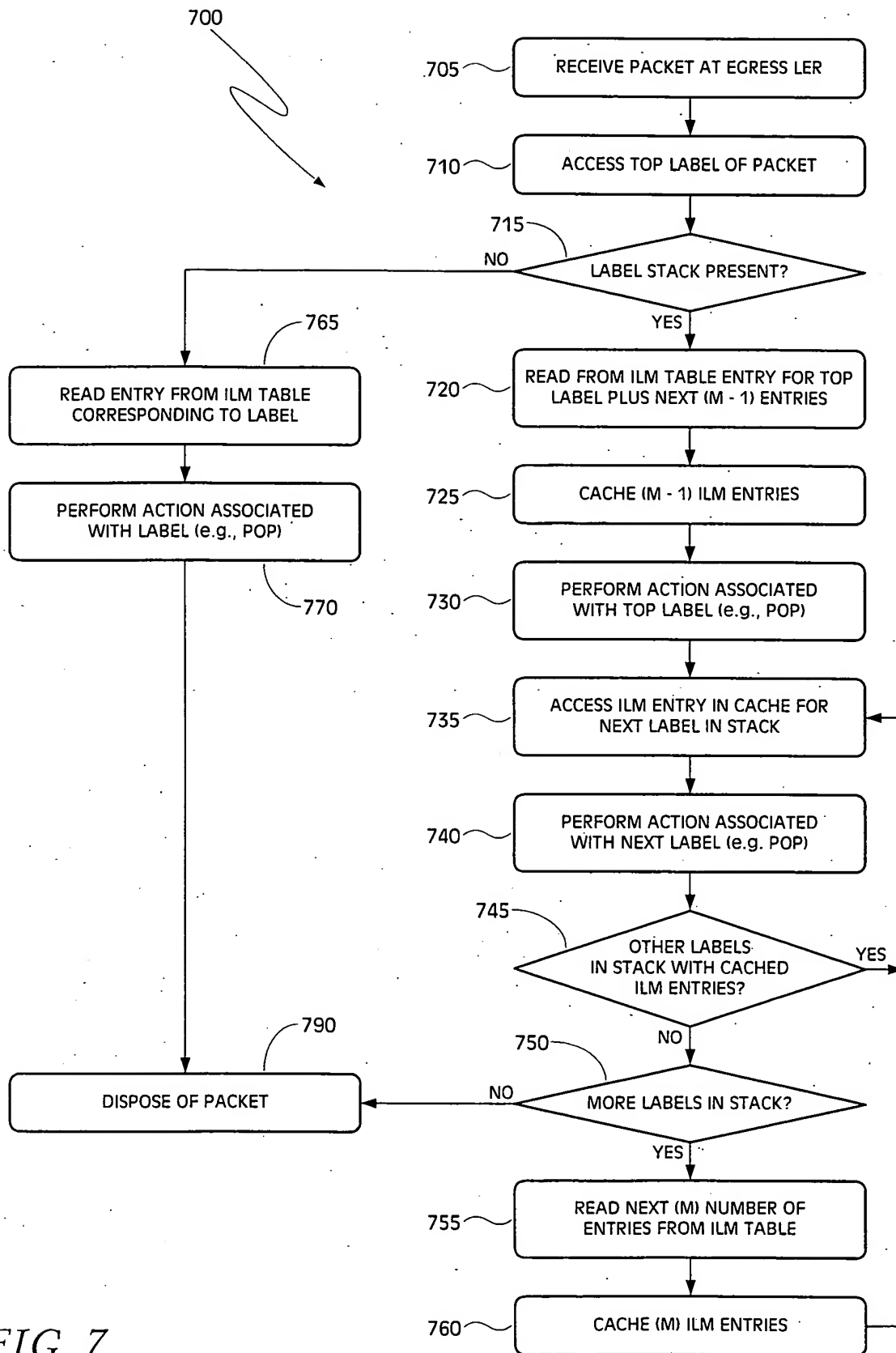


FIG. 7